	Application No.	Applicant(s)	
Notice of Allowability	10/749,020	CLEMENTI ET AL.	
	Examiner	Art Unit	
	Eric B. Chen	1765	
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED in the or other appropriate communic IGHTS. This application is sub-	is application. If not included cation will be mailed in due c	d ourse. THIS
1. This communication is responsive to 19 April 2006.			
2. X The allowed claim(s) is/are 1-8,14-19 and 22-27.			
 Acknowledgment is made of a claim for foreign priority ur a)	e been received. e been received in Application No cuments have been received in the communication to file a second control of this communication to file a second control of the co	No this national stage applicati	
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give	itted. Note the attached EXAMI es reason(s) why the oath or de	NER'S AMENDMENT or NC	TICE OF
 CORRECTED DRAWINGS (as "replacement sheets") mus (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the state of the property of of the	son's Patent Drawing Review (. s Amendment / Comment or in .84(c)) should be written on the c	the Office action of	pack) of
DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT	sit of BIOLOGICAL MATER	IAL must be submitted. No	ote the
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5 🗆 Nation of Inform	nal Patent Application (PTO	152\
 Notice of Prefitees Gled (P10-892) Notice of Draftperson's Patent Drawing Review (PTO-948) 	6. ☐ Interview Sum	, ,	-104)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/0	Paper No./Ma	il Date	
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. 🛭 Examiner's Sta	atement of Reasons for Allow	/ance
	9.	OP (
		SHAMIM AHM PRIMARY EXAM	ED INER

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REASONS FOR ALLOWANCE

1. Claims 1-8, 14-19, and 22-27 are allowed.

- 2. The following is a statement of reasons for the indication of allowable subject matter for claim 1: the prior art fails to teach or suggest defining said first layer of conductive material in order to form a plurality of alternated stripes which form first floating gates above pairs of active areas alternated by active areas lacking stripes. The closest prior art, Kim, discloses an etch back technique for stripes (4/6), producing a rougher surface (column 2, lines 37-44; Figure 1B). Similarly, Hsue (U.S. Patent No. 5,310,693) discloses stripes (18/14) with sidewall spacers (16) (Figures 4-5) with no planarization of stripes (18/14). However, there is no motivation or suggestion of polishing said layer of a third material together with said alternated stripes and said spacers to the same planar level, as in the context of claim 1.
- 3. The following is a statement of reasons for the indication of allowable subject matter for claim 14: the prior art fails to teach or suggest polishing the stripes and spacers to the same planar level, as discussed above.
- 4. The following is a statement of reasons for the indication of allowable subject matter for claims 15 and 22: the prior art fails to teach or suggest that the first and second stripes are formed from polysilicon material. The closest prior art, Huang, discloses the first (52) and second stripes (62) as either an oxide or nitride masking material (column 2, lines 54-58; column 3, lines 25-28). Moreover, Wolf et al., *Silicon Processing for the VLSI Era*, Vol. 1, Lattice Press (1986) teaches that polysilicon is widely used for electrodes and interconnections (page 175). However, there is no

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suggestion or motivation that the first and second stripes are formed from polysilicon material, as in the context of claims 15 and 22.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eric B. Chen whose telephone number is (571) 272-2947. The examiner can normally be reached on Monday through Friday, 8AM to 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nadine G. Norton can be reached on (571) 272-1465. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

EBC

April 28, 2006

SHAMIM AHMED PRIMARY EXAMINER